

THE CLAIMS IN THE APPLICATION ARE NOW AS FOLLOWS:

1. (Currently Amended) A method for operating a conveyor drive for a conveyor independently of a drive for a press station serviced by the conveyor, the method comprising: generating a press station position signal related to an operating position of said press station; providing said position signal to a motor controller for operating said conveyor drive; ~~determining~~ computing a set of parameters defining a drive profile for operating said conveyor drive based on said position signal; and applying said drive profile to said conveyor drive to operate said conveyor drive, wherein said conveyor drive is operated in synchronization with said press station.

2. (Currently amended) A method according to claim [[21]] 1, further comprising ~~determining~~ calculating at least one of a duration and amplitude of one or more parameters ~~in of~~ said drive profile parameters in relation to said position signal.

3. (Currently amended) A method according to claim [[22]] 2, wherein said parameters [[in]] defining said drive cycle profile include acceleration, deceleration and braking.

4. (Currently amended) A method according to claim [[21]] 1, further comprising: generating ~~another~~ a conveyor position signal related to an operating position of said conveyor; providing said ~~another~~ conveyor position signal to said motor controller for operating said conveyor drive; and ~~determining~~ computing said drive profile for operating said conveyor drive based on said ~~another~~ conveyor position signal and said press station position signal.

5. (Currently amended) A method according to claim [[21]] 1, further comprising: generating an angular position signal related to an operating position of said conveyor drive; providing said angular position signal to said motor controller for operating said conveyor drive; and

~~determining~~ computing said drive profile for operating said conveyor drive based on said angular position signal and said press station position signal.

6. (New) A method for operating a conveyor drive for a conveyor independently of a drive for a press station serviced by the conveyor, the method comprising:
generating a press station position signal related to an operating position of said press station;
providing said position signal to a motor controller for operating said conveyor drive;
computing a set of parameters defining a drive profile for a complete operating cycle of said conveyor based on said position signal,
wherein said operating cycle comprises a moving phase in which a conveyed article is delivered to the press station by said conveyor, and a non-moving phase during which the conveyor pauses to permit an operation to be performed on the conveyed article by the press station; and
applying said drive profile to said conveyor drive to operate said conveyor drive,
wherein said conveyor drive is operated in synchronization with said press station.